

# Reducing Childhood Poverty

PLACE BASED STRATEGIES THAT WORK

# Example 1 of Collaboration, Innovation and Leveraging Existing Programs

- **Health** - Poverty makes people sick





# Why Focus on Housing?



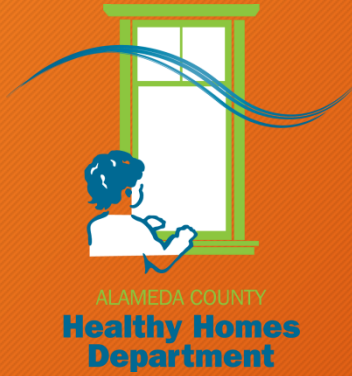
# A Need for Healthier Homes

- Approximately 30 million units have physical, chemical and/or radiological problems.
- Nearly 6 million units have moderate to severe housing problems.
- About 24 million units have one or more lead-based paint hazards.
- More than 6.8 million units have radon exposures above EPA approved levels.
- Over 86 million homes contain allergen levels associated with doctor-diagnosed allergies.



# **Alameda County Pay for Success Asthma Initiative**

\$3 million from HUD for Lead Based Paint Control  
\$400,000 from HUD for Healthy Homes Initiative



Alameda County Public Health Department  
Celebrating Healthy People in Healthy Communities

# Alameda County Pay for Success Asthma Initiative



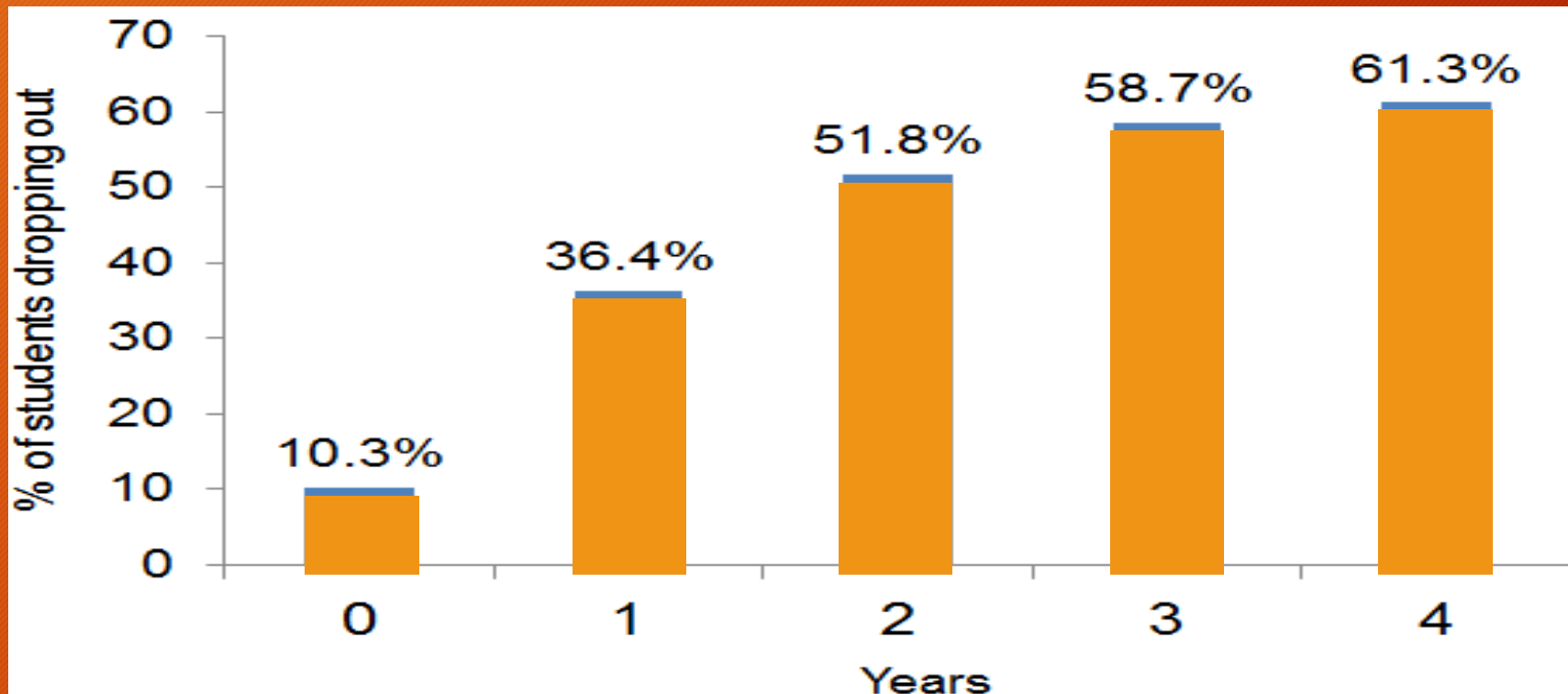
# The Impact of Asthma on Alameda County

- Average cost of pediatric hospitalization: \$23,248
- Average cost of Emergency Dept. (ED) visit: \$3,500
- Average cost of Emergency Medical Services Response: \$2,944
- 17% of Oakland's school children diagnosed with asthma were chronically absent—missing 10% of the school year—reducing Average Daily Attendance (ADA) by \$894 per student and greatly increasing a child's chances of dropping out of school



# The Effects of Chronic Absence on Dropout Rates Are Cumulative

Proportion of Students Dropping Out by Number of Years the Student was Chronically Absent from 8<sup>th</sup>-12<sup>th</sup> Grades

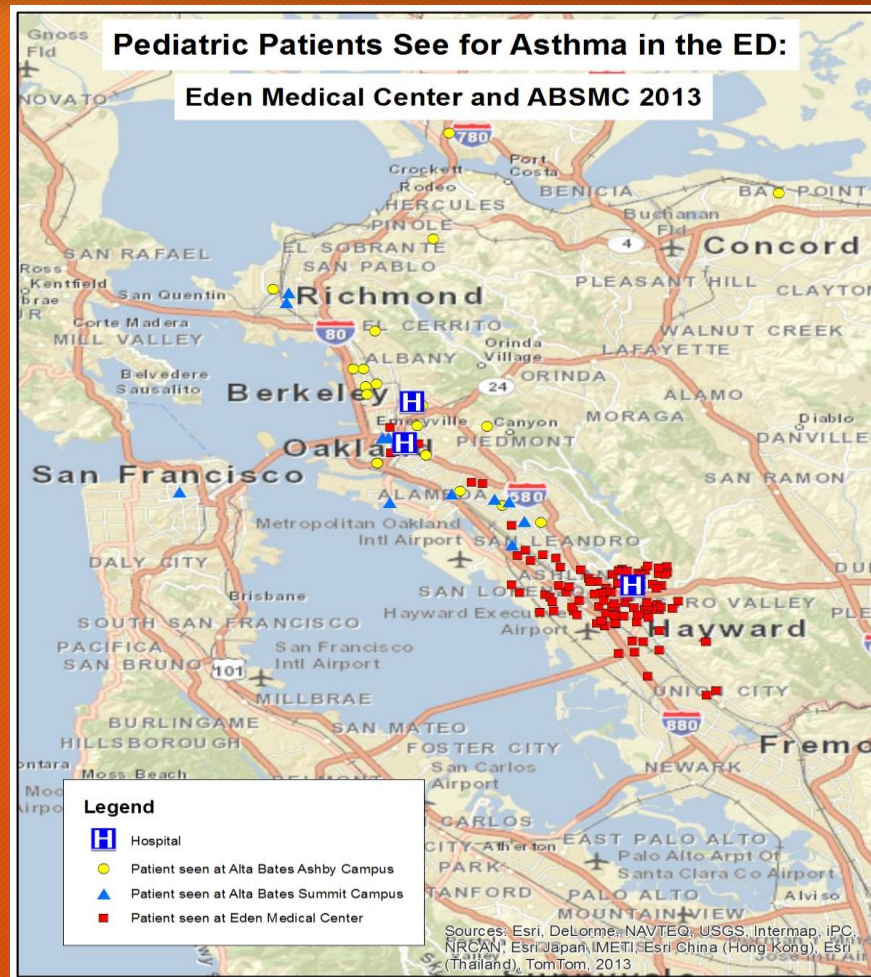




# Asthma in the East Bay in 2015

- 2,567 Emergency Dept. visits
- 239 hospital admissions
- 45% of patients were Black
- 22% of patients were White
- 19% of patients were Hispanic

# Asthma Hotspots in Alameda County



Pediatric Patients seen in ED for Asthma (primary diagnosis only)

Diagnosis	Number of Encounters
Total Number of Encounters in ED	109,514
Total Number of Encounters with Diagnosis as Asthma	1,812
Total Number of Encounters Pediatric Asthmatics	180





# Two Existing Interventions Working Together

## Asthma START

- Conduct psycho-social assessment of health needs
- Provide health education
- Insure Asthma management plan is in place
- Check-in to affirm behavior changes
- Refer to Healthy Homes for environmental and home remediation

## Department of Healthy Homes

- Healthy home visual assessment
- Conduct occupant health and housing education
- Conduct environmental treatment
- Removal of known asthma triggers and address safety issues
- Provide technical assistance to property owner and coordinate with Code Enforcement as necessary

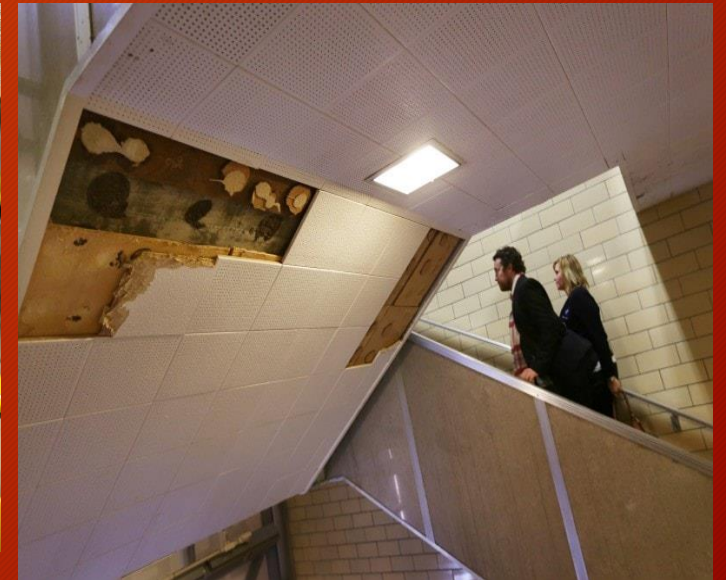
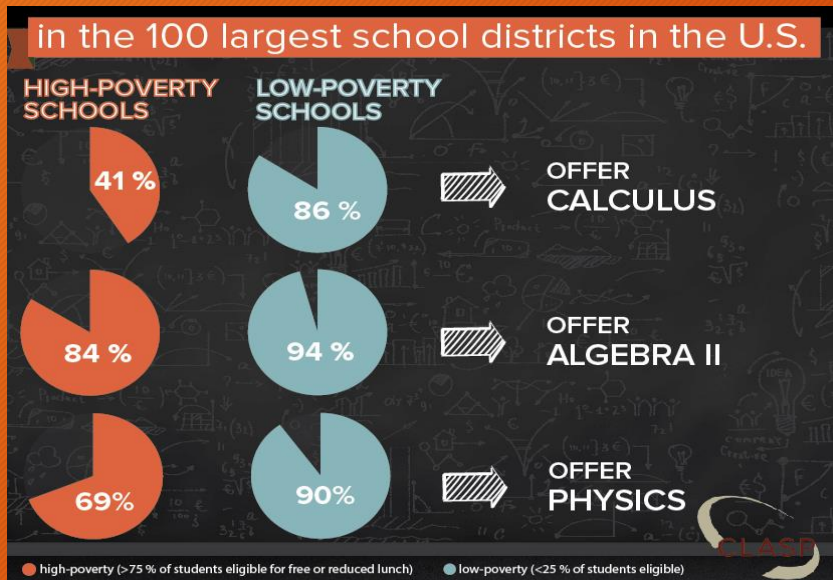
# Project Target Outcomes

1. Improve quality of life indicators based on Pediatric Asthma Survey
2. Reduce Asthma emergency department visits 70%, preliminary results show reduction of more than 100%
3. Reduce Asthma related hospitalization days 50%, preliminary results show significant reductions (1 day vs. 61 days)
4. Reduce missed days of school by 30%
5. Improve housing conditions through occupant education and technical assistance
6. NO incremental cost to Alameda County; savings demonstrated to Alliance for continued funding



# Example 2 of Collaboration, Innovation and Leveraging Existing Programs

- Education-education and poverty inextricably linked; your school is generally determined by your housing address



# Tacoma WA Housing Authority- McCarver Elementary School Housing Assistance Program

- Student population among the poorest in Tacoma w/high number of homeless families
- 2004-2011 student turnover rate ranged from 101%-179%
- Program:
  - Rental assistance to 50 homeless families w/children in kindergarten, 1<sup>st</sup> or 2<sup>nd</sup> grade
  - Parental commitments- keep children in school, participate in child's education , invest in own education and employment
  - Supportive services to help parents meet their commitments
  - Investments to earn the school a designation as Int'l Baccalaureate School
  - Attendance Early Warning Program (data exchange between school and THA)



# 2011-2015 Outcomes

- Student turnover rate declined from 114% to 82%
- First year reading scores for cohort up by 33% (nearly 3X faster than comparable cohort) and retained those gains in second and third year
- By end of 4<sup>th</sup> year, cohort students performing at levels comparable to all students across the district
- Average earned income of cohort families doubled, although median income did not change

# Example 3 of Collaboration, Innovation and Leveraging Existing Programs

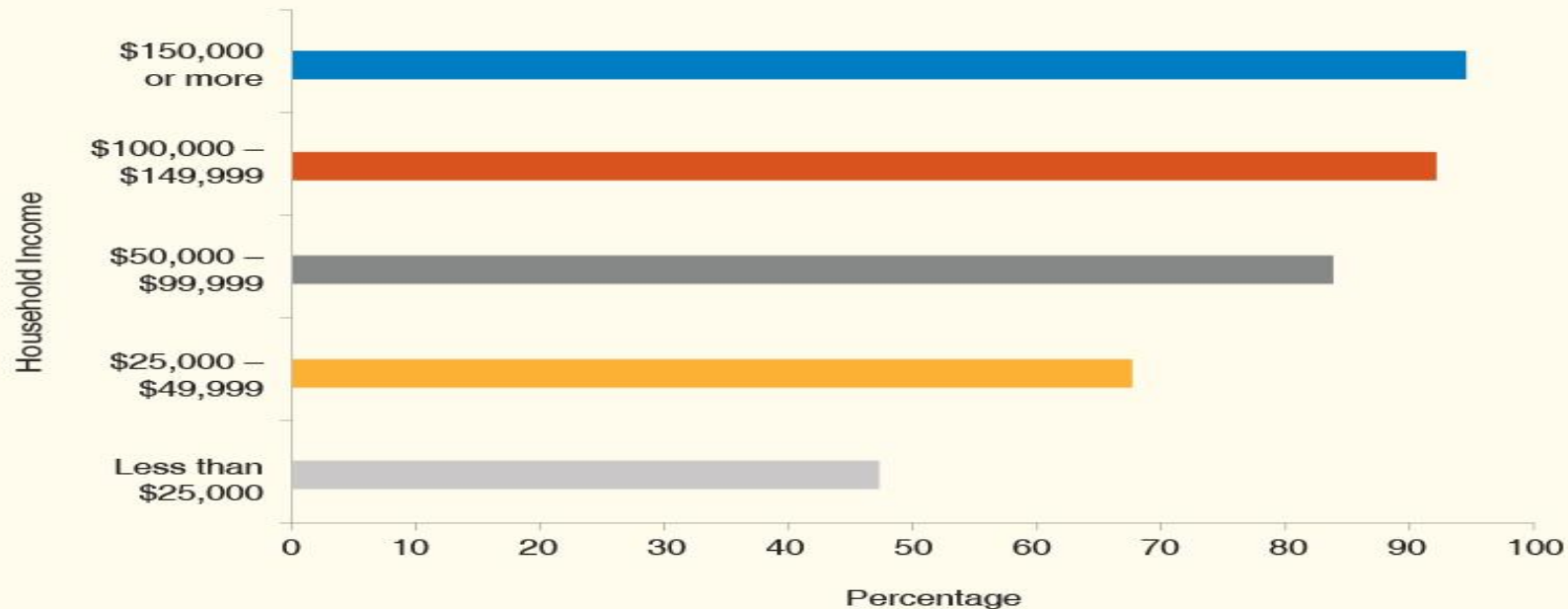
- Digital Divide: lack of access to the internet contributes to social inequality





# Who doesn't have internet access?

**Figure 1. U.S. Households With High-Speed Internet Subscription at Home by Income, 2013**



Source: Thom File and Camille Ryan. 2014. "Computer and Internet Use in the United States: 2013" American Community Survey Reports, U.S. Census Bureau, 3.

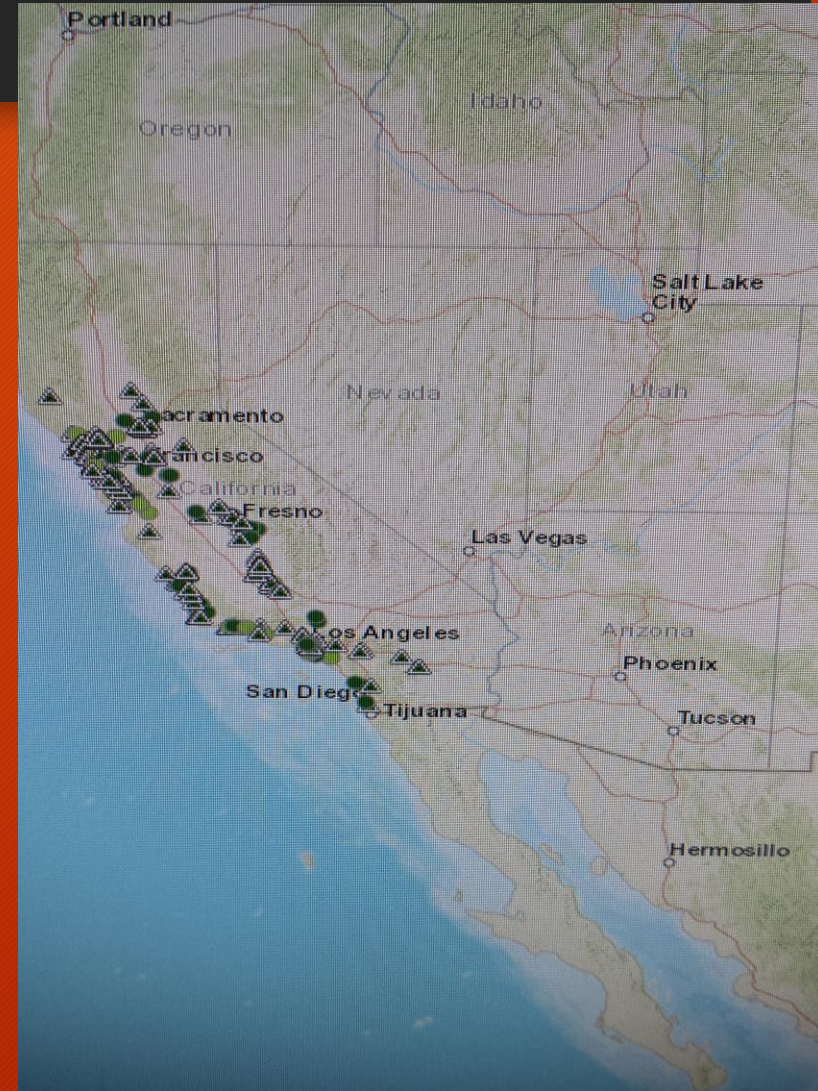
# California Advanced Services Fund (CASF)- Public Housing Account

- CASF program dedicated to broadband access and adoption in publicly supported housing communities.
  - \$20 million to finance connection of a broadband network to a publicly supported housing community (infrastructure funds)
  - \$5 million to support programs designed to increase adoption rates for broadband services for residents in a publicly supported housing community
- Program implemented December 2014
  - \$9.63 million awarded to date for 338 infrastructure projects connecting 23,029 housing unit in 35 counties
  - \$2.63 million awarded to date for digital literacy training for 83 locations with 18,155 residents



# Program Continues Through 2020

- Applications due 10/1/18
- Jan, Apr, July & Oct 2019
- Jan, Apr, July & Oct 2020
- Any funds not awarded by the end of 2020 must be returned to the CASF general fund





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